

IN THE SPECIFICATION:

Please the Specification as follows:

Please amend the paragraph bridging Pages 38 to 39 to read as follows:

--Modular control unit 92 sends an electrical command control signal over lead line ~~100~~ 100' to electric motor 52 to either start it or to stop it and to control its direction of rotational movement. Modular control unit 94 sends an electrical command control signal over lead line ~~102~~ 102' to electric motor 70 to either start it or to stop it and to control its direction of rotational movement. Modular control unit 96 sends an electrical command control signal over lead line ~~104~~ 104' to electric motor 34, to either start it or to stop it and to control its direction of rotational movement. Modular control unit 98 sends an electrical command control signal over lead line ~~106~~ 106' to electric motor 32 to either start it or to stop it and to control its direction of rotational movement.--

Please amend the paragraph in lines 7 to 19 on Page 39 of the Specification to read as follows:

--In the fetch or retrieve cycle, the home position is the position where the arm 16 is clear of the microscope optics and in the engaged position and the XY-stage 18 is free to position the slide 24. In the XY load position, the XY-stage is at the XY position for moving arm 16 into the selected cassette 22 of cassette retainer 40. The axes used are the X-axis and Y-axis; and the appropriate commands are sent from modular controller unit 96 over lead ~~104~~ 104' to drive motor 34 and are sent from modular controller unit 98 to drive motor means 32 over lead ~~106~~ 106'. The drive motors 34 and 32 of the XY-stage move the arm 16 to a location which is near to and adjacent to the cassette retainer 40 but is outside of the retainer 40. Motor 70 moves the arm and finger 38 into and out of cassette retainer 40.--

Please amend the paragraph bridging Pages 40 to 41 of the Specification to read as follows:

--In the arm retract to slide position, the arm 16 retracts from the cassette retainer 40 carrying a slide 24. The retraction motion ends with the slide 24 in position on the viewing stage of microscope 12. The axis used is the R-axis; and the appropriate commands are sent from modular controller unit 94 over lead ~~102~~ 102' to electric motor 70.--